

San Joaquin Valley Unified Air Pollution Control District

PERMIT UNIT: C-996-3-1

EXPIRATION DATE: 3/31/2002

EQUIPMENT DESCRIPTION:

ONE 1 CLEAVER BROOK BOILER, MODEL 22801-78 EQUIPPED WITH ONE 1 GAS BURNER OF 4154 CFH AND ONE 1 OIL BURNER. BOILER IS TO BE FIRED ON NATURAL GAS OR FUEL OIL #2 AS STANDBY. RATING: 4.184 MMBTU/HR

Permit Unit Requirements

1. Normal operation schedule not to exceed 5 hrs/day.
2. Sulfur content of fuel oil #2 not to exceed 0.5% by weight.
3. Nitrogen content of fuel oil #2 not to exceed 0.2% by weight.
4. Usage of fuel oil #2 not to exceed 150 gallons/day.
5. Natural gas fuel usage rate not to exceed 20,920 cu ft/day.
6. Fuel oil #2 may only be used if utility gas is unavailable.
7. Boiler backup operational mode in excess of 5 hrs/day may not exceed 200 hours/year and can only be used if the prime boiler is down for repairs.
8. Maintain log of daily fuel consumption and operation hours.
9. Submit monthly fuel consumption, and sulfur and nitrogen content of fuel oil to the District by March 1, of the following year.
10. For fuel oil #2 the daily emission limits are (lbs/day): Nox (NO₂) = 3.00, SO_x(SO₂) = 10.80, CO = 0.75.
11. For natural gas fuel the daily emissions limits are (lbs/day): Nox (NO₂) = 2.10.